

in the news

INSIDE

Winners were determined last week for a T-shirt design contest sponsored by the Student Materials Society, a Course III social activity group.

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Various aspects of sleep, specifically the effects of diet, are being studied by professors working at MIT's Clinical Research Center.

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The Tech was deluged with record reviews Sunday night, presenting an interesting look at a variety of musical styles.

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MIT dedicated the new Steinbrenner Stadium last Sunday in honor of the only Tech athlete to have ever won a national collegiate outdoor track championship. The dedication marked the first stage of the athletic department's construction program.

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EXCERPTS

Most school boards and teachers consider that formal subject teaching (the three R's, civics, science, and the like) is what school is all about. To be sure, students do spend time grappling with the mysteries of multiplication and division. Much of their school day, however, is spent in ways that are irrelevant to the formal curriculum. Typically, relatively large numbers of children are brought together into a relatively small room and confined there most of the school day. Academic learning in such a situation is difficult at best, children spend an inordinate amount of time in "noneducational" activities—lining up, waiting to get the teacher's attention, pledging allegiance to the flag, taking tests, pretending to study, lunch period, play, and listening to the teacher scold.

Yet these activities are probably politically more influential than any formal instruction in social studies. They form part of what some educators label the "hidden curriculum," whose symbolic message pervades the educational system from the early grades. Beginning with kindergarten the student begins to learn what life is really like in the company.

—Damon Thomas
UMass Collegian

Harvard approves 'core curriculum'

By Steve Kirsch

By a vote of 182 to 65 last Tuesday, the Faculty of Arts and Sciences at Harvard University approved replacing the current "general education" undergraduate curriculum with a more restrictive and structured "core curriculum." The new program, which is scheduled to be introduced gradually beginning September 1979 and to be in full force by September 1982, is the first major undergraduate curriculum change at Harvard in over 30 years.

The current undergraduate program is based on a 1945 report by then Harvard President James Bryan Conant suggesting that "an educated person should have a basic grounding in three broad areas—natural sciences, social sciences and the humanities."

Over the years, the program that developed from Conant's report has been criticized as not ensuring that a student achieves a solid foundation in basic knowledge by taking seven to eight semester courses in three broad areas.

The new program, designed by Dean of the Faculty Henry Rosovsky to ensure that every Harvard graduate has "basic literacy in major forms of intellectual discourse," will require students to choose their "extra-departmental" courses from a list of 80 to 100 "core" courses in five academic areas: literature and the arts; history; social and

philosophical analysis; science and mathematics; and foreign language and culture. Students will be required to demonstrate competence in mathematics in addition to current requirements in foreign language and writing.

According to *The Boston Globe*, Harvard's action is expected to have "a major impact on undergraduate education—which has been under increasing criticism for being amorphous

and too 'permissive'—throughout the nation."

Student opposition to the change was surprisingly weak. Harvard student Benjamin Victor '80, head of Students Against the Core Curriculum, an "informal lobbying group with about a dozen active members," noted that Harvard's 6,000 undergraduates were apathetic probably because the new curriculum "won't affect anyone cur-

rently enrolled."

The New York Times observed that "in contrast to the 1960's, when students overturned many curriculum requirements, the new curriculum reflects a renewed willingness of faculty members to assert their authority in academic affairs and a new willingness of vocationally oriented students to accept it."

"Most students don't like the

(Please turn to page 11)



Senator Edward Kennedy spoke to reporters after visiting MIT's Solar House #3 Wednesday morning as part of his appearances for Sun Day. Kennedy said he felt that Congressional support of energy research is inadequate, but he predicted that funding for solar energy research "should and would be increased." (Photo by Steve Soltick)

CIA official recruits MIT students

By Elaine Douglass

The CIA has "tough problems" and is "looking for good people to solve them," according to a CIA official who was on the MIT campus this week to interview students for possible employment with the intelligence agency.

The official, Vernon Lamphier, is a member of the State Department's diplomatic corps currently serving with the CIA. He spent May 2 at MIT interviewing for a position he described as intelligence analyst on Soviet defense

issues.

Student candidates were identified by Professor of Political Science William Kaufman, who spoke privately with some students and also announced to his classes the opportunity to be interviewed by the CIA official.

Kaufman teaches courses on US defense policy in the political science department and also serves as a consultant to the Pentagon three days each week.

Kaufman was Lamphier's mentor when Lamphier was a mid-

career graduate student at MIT several years ago. Lamphier said he sought Kaufman's assistance in locating candidates for the intelligence agency position.

No background investigations were made of any of the students interviewed, Lamphier said.

A 1976 Senate Intelligence Committee report described a CIA practice of identifying candidates on college campuses with the aid of members of university communities whose involvement with the CIA is not publicly acknowledged. In this, the Senate reported that individuals have been extensively investigated without any knowledge or

authorization on their part.

Questioned about this CIA practice, Lamphier, Kaufman, and another CIA official, Donald Brown, all stated that they had no knowledge of such practices.

"A security check involves talking to a person's friends and associates, and I don't see how that could be done secretly," Lamphier said.

Professor Kaufman expressed the view that secret investigations of candidates for employment would be "illegal," but said he "would not rule out the possibility" that such investigations might have been conducted.

THE BUS may run MIT-Logan shuttle

By Kenneth Hamilton

THE BUS is considering the operation of a shuttle to Logan Airport from MIT dormitories and fraternities at the end of this term. The decision to proceed will depend on the response to a preliminary reservation form, which should be filled out by anyone interested in using the shuttle. The shuttle service will operate only if the demand is sufficient.

THE BUS is the newest member of the MIT Association of Student Activities. It transports 400 MIT students weekly to and from the local Stop and Shop grocery store.

Preliminary reservation forms are available at all dormitory desks and in Lobby 10 on Friday from 11am to 2pm. The deadline

for returning the form is 5pm, Saturday May 6.

If it is determined that enough demand for the service exists, THE BUS will publish a schedule and begin to take reservations. The cost of the service would be minimal since it would be run on a break-even basis strictly as a service to the MIT community. Ann Stevens '79, a member of THE BUS, plans to charge "in the neighborhood of 2 or 3 dollars or less if the demand for the service is great enough."

The service would operate "door-to-door" and would provide assistance in loading and unloading luggage. To speed service, the luggage would be sorted according to the airline for which it is destined. The shuttle would stop at each terminal. Stevens

(Please turn to page 2)



You may not believe this, but Joanne S. Tobias, the new Miss Merrimack Valley, is actually a student here majoring in Biology. Joanne will compete in the Miss Massachusetts pageant on June 16 at the Buttonwood Community Center, New Bedford. (Photo by David Schaller)



William Schaffner G, right, won a case of Heineken for his "body-centered cube" T-shirt design in a Course III contest. The awards were given last week by Jean Gregory '79, left, who originated the contest. (Photo by Steve Solnick)

Grad student designs T-shirt for Course III

By Laurence Duffy

William Schaffner G last week became the winner of a T-shirt design contest sponsored by the Student Materials Society (SMS), an organization consisting primarily of students in the department of materials science and engineering.

The contest had two main purposes, according to Jean Gregory '79: first, to promote the materials science department, and second, to raise money for SMS through sale of the T-shirts. The shirts will be put on sale soon in Lobby 10 at \$3.50 each.

The contest, which was open to all members of the MIT community, attracted twelve entrants. Schaffner, the first place winner, received a case of Heineken beer

as a prize. Cynthia Bloomquist, an Industrial Liaison Officer, took second place, and Thomas Ramer '80 came in third. These two each won a six-pack of Heineken.

Other departments, such as the department of electrical engineering and computer science, have had several T-shirt design contests in the past. Gregory said she hopes that the department of materials science and engineering will run such a contest again.

Israel House Swap

Architect with house, car in Jerusalem hills wants to swap for same in NYC or Boston area for 2 mos. this summer. Call 862-5107 after 8 pm, weekends.

Airport shuttle is planned for end-of-term departures

(continued from page 1)

commented that it would even be possible to transport an item as large as a bicycle in a crate.

The final decision on whether the service will run will be announced May 11. Stevens said that if between 150 to 200 people submit a preliminary reservation form, then the shuttle will run as planned. It would probably operate on May 24, 25, and 26, although operation on other days will be considered if a large enough demand is indicated on the survey forms.

"Bus service to bring students back to MIT from the airport in the fall does not seem quite as promising since the return of the majority of the student body is spread over a longer time span," commented Stevens. THE BUS is currently working with the R/O Committee, however, to plan a shuttle from the airport for freshmen during Residence/Orientation Week.

The proposed airport shuttle is one of several "transportation ventures" that the organization has been considering. THE BUS has also discussed running a shuttle to Haymarket and to nearby shopping malls and department

stores. They have also considered running a shuttle to and from Draper labs and Harvard. "But the idea that people are most excited about is chartering a bus to New York City or even out West or down South," Stevens said. "Any ideas for transportation ventures are welcome." THE BUS meets Wednesdays at 5pm in Pritchett Lounge. Students working with the organization next term will be paid.

Phil Moore, the '76-77 President of the MIT Undergraduate Association, is credited with originating the idea of THE BUS in a transportation lab. Several members of the staff are graduating transportation majors.

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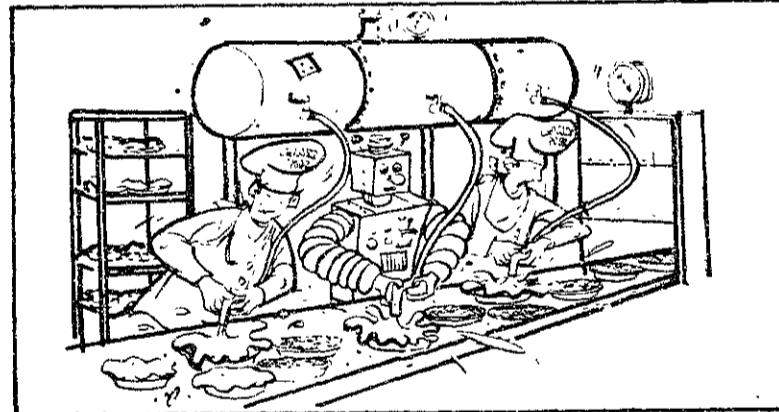
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Please Be Prompt



Students last week demonstrated against apartheid by protesting MIT's investments in corporations which do business with South Africa. (Photo by Gary Engleson)

MIT scientists study sleep

By Steve Schad

The effects of diet on sleep are being investigated at MIT's Clinical Research Center in a study conducted by Associate Professor of Physiology John Fernstrom, and Assistant Professor of Neurosciences Michael Moskowitz, visiting neurologist

any appreciable amount. This is the case with most foods containing tryptophan.

Abnormally low concentrations of serotonin in the brain have been found to cause insomnia in cats. It has also been found that pain sensitivity in rats is inversely related to brain serotonin.

They plan to extend their investigation to include insomniacs and eventually to substitute food for the placebos and tryptophan pills. The rate of date accumulations is limited by the single EEG recorder. They expect to have results within a year.

Fernstrom and Moskowitz pointed out that very little is actually known. When deprived of REM sleep, people become irritable, and sometimes unable to function efficiently. While six to eight hours is considered an average amount, there is a great deal of variation among individuals. The quantity of sleep a person gets can affect his memory or ability to work, but the extent of these effects differs widely.

"... very little is actually known about sleep . . ."

from Harvard. Fernstrom described the project in a recent interview.

The research deals with the substance tryptophan, an amino acid which mammals cannot synthesize. Tryptophan is used by part of the brain to produce serotonin, one of several chemicals that permit the transmission of information among brain and nerve cells. The concentrations of neurotransmitters such as serotonin are believed to affect the functioning of brain tissues.

While sleep generally corresponds to physical inactivity, the brain may actually become more active while the body rests. Such activity can be measured by an electro-encephalograph (EEG), which records the brain's electrical fluctuations.

Two basic kinds of sleep can be distinguished: Short Wave Sleep (SWS), during which the body is completely at rest; and Rapid Eye Movement (REM) sleep, when dreams occur. On a typical night, a person will alternately experience SWS and REM as he passes through several stages of sleep. The sleeper will wake up several times, but usually will not remember doing so.

When tryptophan is ingested in the absence of five similar amino acids, the concentrations of tryptophan and serotonin in the brain increase. A somewhat complicated mechanism prevents increased absorption when the other amino acids are present in

According to Professor Fernstrom, serotonin may be useful as a sleep-assisting agent, particularly for insomniacs. Since it is a substance produced by the brain, it is possible that serotonin does not disrupt the patterns of normal sleep as do currently available sleep-inducing drugs. These often lead to undesirable side effects or addiction.

At present, subjects participating in the study are primarily MIT students. On each of four nights the student receives a pill, which may or may not contain tryptophan. His brain activity is recorded while he sleeps; in the morning, he describes how he feels.

Fernstrom and Moskowitz began this research quite recently.

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news roundup

World

Tentative arms agreement made — The United States and the Soviet Union tentatively agreed last week on a new strategic arms limitation proposal. The proposal would limit each side to 2,250 long-range missiles and bombers through 1985 in return for a separate ceiling of 1,200 on the number of Russian multiple-warhead missiles. This removes one of the last few obstacles to a new strategic arms accord.

Local

Sun Day is celebrated on the Common — The Boston Common was the scene of about 50 exhibits Wednesday in connection with Sun Day. Environmentalist Denis Hayes, originator of Sun Day, said in his speech here that "it's been impossible to criticize President Carter's solar energy program. Because so far, there is none. Either he will lead us into the solar age, or we will have to drag him along behind us."

Campus

New standings in Big Screw Contest — Following are the official standings as of 5pm yesterday:

Luise Keohane, Administrative Housing Assistant	\$138.00
Thomas Gretyak, Chairman of CAP	83.96
Jeffrey Goldstone, Prof. of Physics	51.00
Anne Hunter, Humanities Secretary	49.48
William Rastetter, Assistant Prof. of Chemistry, and	
Jack Baldwin, Prof. of Chemistry	40.83
Louis Braida, Associate Prof. of EE	25.47
Stephen Ward, Associate Prof. of EE and Comp Sci.	13.32
Arthur Mattuck, Prof. of Mathematics	9.57
William Siebert, Prof. of EE	9.56
Robert Ritchie, Assistant Prof. of Mechanical Engineering	9.09
Paul Joss, Assistant Prof. of Physics	8.90
Paul Gray, Chancellor	5.91
James Olivieri, Campus Patrol Chief	5.87

Votes will be taken in Lobby 10 today and in front of the Student Center tomorrow. The Contest ends at 4pm tomorrow.

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 52 Boylston street, Harvard Square

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opinion

At Wiesner's, we do it all for you!

By Bob Wasserman

Spring is the time when prospective freshman come around to have a good look at MIT and right now you could very easily picture a scene such as this one:

Jimmy Freshman walks slowly up the steps of the large and bewildering building at 77 Mass Ave., and at the top of the stairs he encounters a jolly, middle-aged man smoking a pipe. "Hello", says the man, "Welcome to *Wiesner's*, the finest Department store in Boston."

"I've heard that that place up the street, *Bok's*, is the best around." Jimmy replies honestly.

"Never mind that place, says Jimmy's guide, "we've got twenty-five departments here, and much, much, more." Come on in, I'll show you around the store."

So as Jimmy and the proprietor of *Wiesner's* walk into Building 1, the man turns and explains: "This is our Department of Civil Engineering, Jimmy."

something else

"Oh, that's wonderful," exclaims Jimmy. "It's great that you have an extra department just for that," he continues. "Because I've heard that Engineers are hardly ever civil."

As Jimmy and the man approach Building 3, Jimmy suddenly perks up. "Wow, that looks like a lot of fun, those people are playing in that sandbox."

"They're not just playing in that sandbox, Jimmy," says the man, "those are our Mechanical Engineers testing out their design projects."

"I see," answers Jimmy, "but I sure can't figure out their design in doing it that way!"

Finally Jimmy Freshman and his tourguide wander outside by a large, black metal sculpture. Gathering around the structure are a number of youths carrying signs and yelling "\$4700 Too D--- Much!!"

Jimmy, of course, is inquisitive. "Why are they doing that?"

"Oh, they are simply griping about the high prices at *Wiesner's*," says the guide. "Some stores have Bargain Basements, but not *Wiesner's*. Nope, we only offer the high-class, expensive merchandise."

"Look, Jimmy," says the manager, "There's our famous Green Building."

"It doesn't look green," thinks Jimmy, "and why does it have that gold ball on top."

"I get it," Jimmy says out loud, "there's a green statue over there between those dorms, it must go with the Green Building."

"No, no, Jimmy," replies the man patiently, "that sculpture's not supposed to be green, it's Transparent Horizons."

"Ah, but they didn't do a very good job at that, either," thinks Jimmy to himself, "it probably would have been better transparent."

"Wait, Jimmy," says his companion, "Over there is our Biology Department with a sale on genetic research. Let's ask one of our salesmen what's he's up to."

"Hello, Dr. W", says the salesman, "I'm just working on a new clone display. It's a simple labor-saving device, you just make a clone of yourself, and he or she does all your work for you."

As Jimmy and the man near the end of their tour, they encounter a rather befuddled and incongruous group of salespeople. "What is that," the man asks someone who looked responsible.

"This is an Anthropology class," replies a woman. "We're studying repressed societies."

"Oh, really," replies Jimmy, "that sounds interesting. Which repressed society are you studying?"

"The Humanities Department," answers the woman.

"Sir, sir," Jimmy says to his guide, "who is that man looking at those pieces of paper with those letters on them? They look like . . . C's and D's." Jimmy strains to see the papers.

"That's our store detective, Tom Greytak," says the man. "He and our store accountant, Zenon Zannetos, are busy fighting inflation here at *Wiesner's*. They're going to charge everyone more, for less merchandise, but don't worry, our best shoppers will get letters of recommendation."

At last the tour of *Wiesner's* comes to an end. "I hope you enjoyed *Wiesner's*, Jimmy," says the guide. "We'd like you to open an account at our store, if you wish. We have a basic four-year plan, and an even longer plan in some special cases."

"No, thanks," says Jimmy, "I think I've had enough shopping for a while."

The Tech

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Volume 98, Number 22
Friday, May 5, 1978

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Third class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. The Tech is published twice a week during the academic year (except during MIT vacations), daily during September Orientation, and once during the last week of July. Please send all correspondence to: P.O. Box 29, MIT Branch, Cambridge, MA 02139. Offices at Room W20-483, 84 Massachusetts Avenue, Cambridge, MA. Telephone: (617) 253-1541. ISSN 0148-9607. Advertising, subscription, and typesetting rates available on request.

**feedback****Hakala misquoted at GA***To the Editor:*

I am misquoted in last Friday's General Assembly article as favoring open faculty meetings. Faculty meetings are open. The proposal concerns open faculty committee meetings. Alf Geller deserves credit for writing the proposal and the Undergraduate Association Ad Hoc Committee

on Student Participation in Institute Affairs deserves credit for unanimously recommending that it be introduced at the May faculty meeting.

The article states "the absence of a viable constitution for the GA forces it to operate on an unofficial basis." This is incorrect. Article two, section five requires

Jonathan Hakala

Women's lib is for men, too*To the Editor:*

Bob Wasserman's editorial concerning the suicide of V. Gorlov and the unbalanced sexual ratio at MIT provoked an angry rebuttal from an Architecture secretary who feels that women are being viewed as beings whose purpose is to "service"

or "macho" in order to be masculine. Men are freer to express feelings of tenderness, fear or vulnerability while before remained hidden under a more stoic exterior. To the extent to which this broadens men's perspective as individuals, it just as much an insult to the status of

"In fact, 'women's lib' is a mislabelling of what should be called 'people's lib' "

men's sexual drives. Regardless of Gorlov's motives and sexual preferences, some issues come into play here which I would like to address from the point of view of a heterosexual male.

Women have improved their status in many ways. They have discovered that true femininity does not necessitate passive weakness, indecisiveness, or incompetence, to quote a few of the old stereotypes. It is a great JOY to me, a man, to see females becoming free to develop and express their full potentialities as human beings. If I ever find myself working under a woman who is my superior by virtue of her competence, I will be proud to work for her. I would never want to marry a woman who is not at least my equal in intellect and competence. So when a woman takes exception to the "sex object" syndrome, I find myself sympathetic to her feelings.

But there is another side to the story. The women's movement has performed a great service to MEN. In fact, "women's lib" is a mislabelling of what should be called "people's lib." At the same moment a woman frees herself from the binding influence of stereotypical sex roles, a man can undergo the same transformation. He no longer has to be aggressive

men as it is to the status of women.

I am weary of the stereotype that men are for the most part promiscuous people whose primary motivation is sexual appetite. For myself, sex is an expression of very special feelings between two people who share a

bond of caring and trust. Despite the fact that I have no religious or moral reservations about the "one night stand" I find it emotionally revolting. Many men may not be as conservative as I am in this respect, but they have one thing in common: their need for emotional intimacy is as great as a woman's, despite the fear that an open admission of this might tumble the old pillars of stoic "masculinity." Men are frequently treated as "sex objects" by the women who think more of them simply because they are sexually experienced or "good in bed," or think less of them because they are not. I would strongly resent any woman who would judge me by such a shallow criterion.

Any contention that the scarcity of women at MIT contributes to male suicide should focus on loneliness, not horniness.

Brian F. Aull, G

Only by moonlight*To the Editor:*

It seems that the reviewer who handled the Horizon Company's exhibit suffers from Dr. Watson's malady, which means, as Holmes would say, he "sees but does not observe."

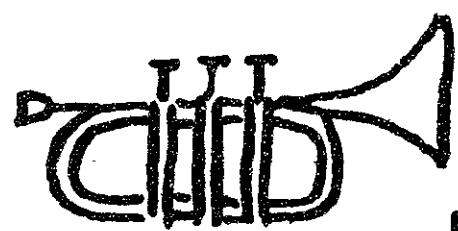
For example, if he thought that Hannock's most recent mural (the one with the two moons) was impressive, he should have seen it during moonrise.

That's right, Moonrise. These paintings apparently go through a cycle of sunset and sunrise which, judging from the hour and a half I spent watching one of them (the one mentioned above), must be on the order of three hours long. This is achieved by fading through a succession of bands of ultraviolet. The details are thus in a constant state of flux.

Unfortunately, most people seem to react to the murals the way I did when I first looked at them: they say "very nice" and walk off. The second time, however, I was lucky enough to walk in just a few minutes before moonrise, and thus was given a major demonstration of their non-static nature.

I must admit that the Horizon Company doesn't give you any hints, outside of the sign telling you to "allow ten minutes for your eyes to adjust to the light." I guess they're counting on word-of-mouth to convey the secret. If your reviewer was trying to follow this policy, well and good (if that was the case, obviously DO NOT print this letter!). If not, he's left out the single most striking aspect of these works.

Joe Kesselman '81



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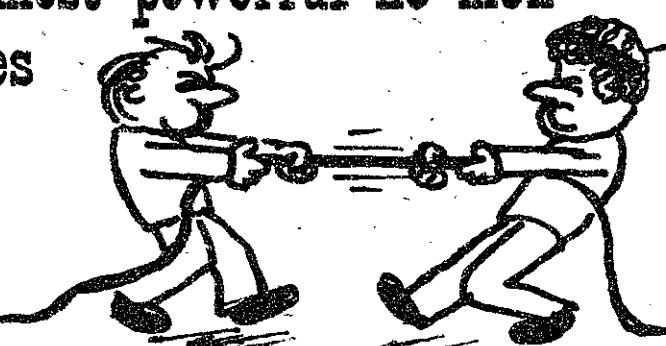
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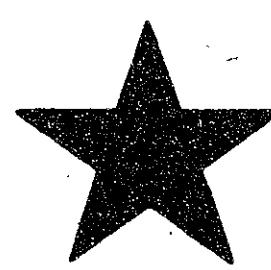
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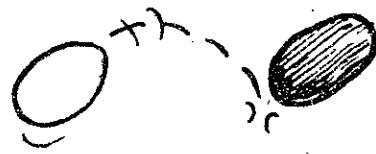
Official Kaleidoscope schedule

Friday

12noon MIT Concert Jazz Band playing on the Student Center steps

1pm MIT Concert Band on the Student Center steps

1pm MIT Tiddly Winks Association demonstration in Kresge Lobby



2pm Friday Afternoon Club — live band, free beer and a great time all afternoon; sponsored by the UA, SCC, and Theta Chi.

3pm Tank-Team Speed Beer Drinking on Kresge Oval. Almost fifty teams compete to show their speed (and ability to stand up afterwards); proceeds to the United Way. Sponsored by Sigma Chi. (\$5 registration fee, first come, first served)

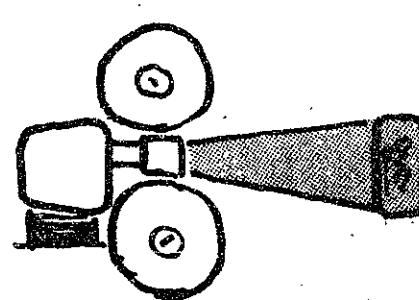
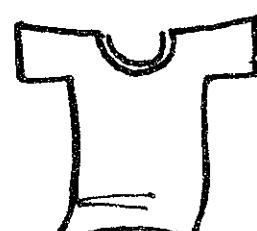
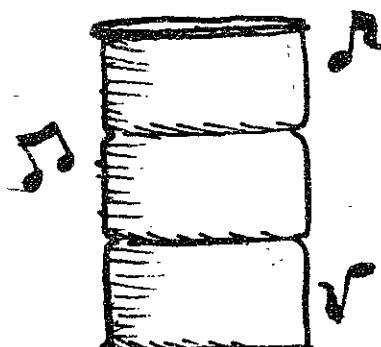
4pm Eating for Epilepsy — watch ravenous MIT student down hot dog after hot dog (with a little beer to wash it down)

4pm Community Service Fund drawing for trip to Europe

5pm Festival Jazz Ensemble, on the Student Center steps

7pm, 10pm *The Spy Who Loved Me*, LSC Movie Kresge, 75¢ w/MIT ID

9pm UA, Dormcon, and MacGregor sponsor a super block party.



Sunday

9am-5pm Kaleidoscope Ping-Pong Tournament. In the T-Club Lounge in duPont; sponsored by SCC

1pm Dormcon/UA/Baker House present the Steel Drum Band live on Kresge Oval

4:30pm The Game of the Century: The SCC playing its best softball stars against the Deans' best; *The SCC Champions vs. The Deans' Office Dynamos*. (Field number 3)

6:30, 9pm LSC movie, *What's Up Tiger Lily?* in 26-100; 75¢ w/MIT ID



Saturday

Refreshments will be sold by APO all day



10am-11pm Folk Dance Club presents its annual Spring Festival; in the Sala until 6pm, Lobby 13 from 6-11pm

10am Vote early, vote often, vote for *your* favorite (?) candidate for the coveted(?) big screw. Ballotting in front of the Student Center; sponsored by APO Service Fraternity

12noon A Jazz Jam on the steps of the Student Center — just lay back and enjoy

1pm Tug O' War Contest: team against team in a battle of pure strength; sponsored by Delta Upsilon (near Kresge)

2pm T-shirt silkscreening on the steps of the Student Center; sponsored by TCA

7pm LSC movie *The Eagle Has Landed* in 26-100 (75¢ w/MIT ID)

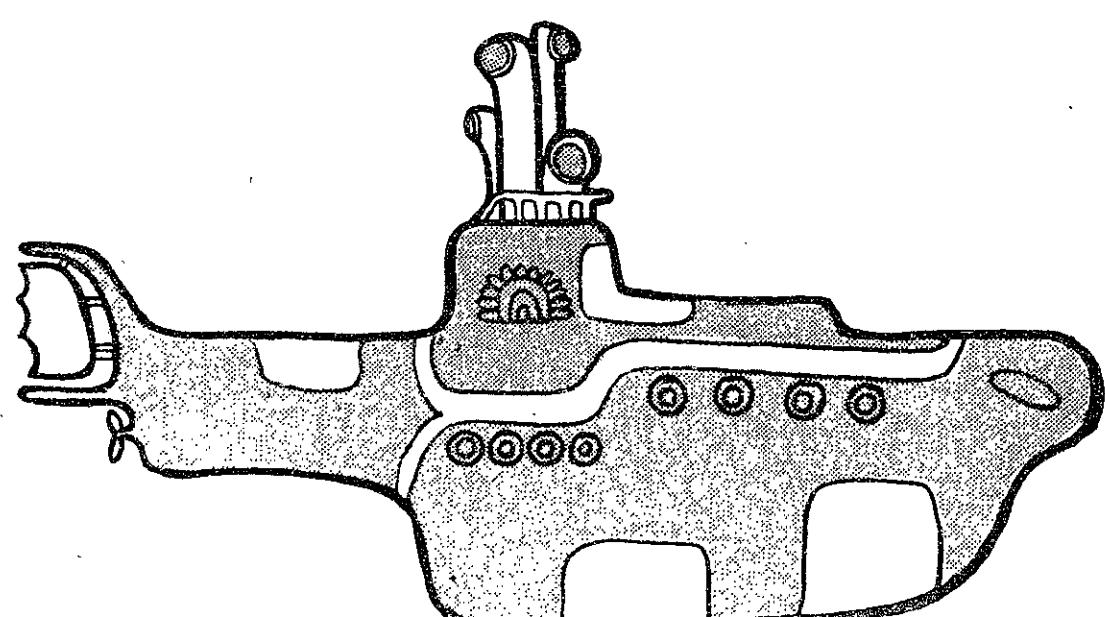
8pm All Tech Sing — a not-so-serious vocal competition with not-necessarily musically-inclined competitors. Free beer, fun (The Big Screw will be awarded during intermission). In the Sala; sponsored by the SCC



8pm IFC/UA Briggs Field Party — The biggest blast of the year, free admission, live music, and free beer

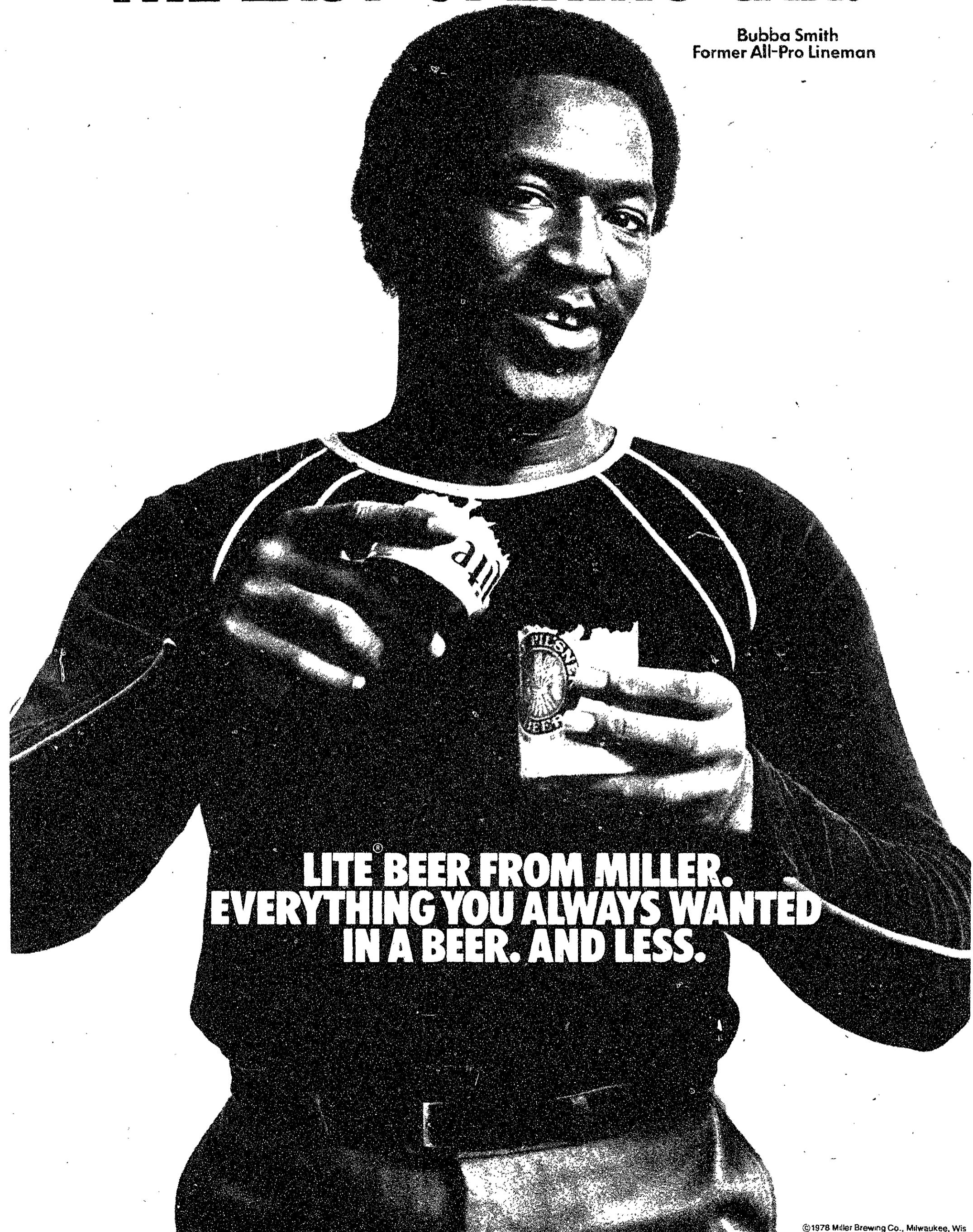
10pm LSC movie *The Eagle Has Landed* in 26-100 (75¢ w/MIT ID)

12midnite Midnite Movie *The Beatles Yellow Submarine*; Free admission. Bring a pillow to the Sala; sponsored by SCC



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Police Blotter

(The Police Blotter is a report written by the Campus Patrol on crimes, incidents, and actions on the MIT campus each week.)

Student Robbed

A lone graduate student who took an early morning walk along the river side of the Charles fell victim to an armed robber Monday. The student told MIT officers that he had left his office in Bldg. 2 at around 6:15 Monday morning and decided to walk

along the Charles River side of Memorial Drive. About 10 minutes later, while opposite the Killian Court, he was accosted without warning from the rear by a man with a swarthy complexion described as follows: approximately 20 years old, 5'8" tall, 150 pounds, dark hair, brown eyes, black moustache, wearing a very dark leather jacket, a dark shirt and brown hair. The assailant jammed an object that felt like the barrel of a gun against the base of

the student's spine and demanded, "Give me your money" (sic).

The student had only two \$1 bills, which he promptly handed over to the thief. This small amount apparently enraged the man who then seized several of the student's personal papers and flung them into the water.

The assailant then ran east to the area of the Sailing Pavilion where he entered a small black sedan identified as either a Toyota or a Datsun, and sped off towards the Longfellow Bridge.

Details of the crime were quickly relayed by MIT officers to the M.I.T. Police who have assigned investigators to the case. The victim was badly shaken but fortunately was not otherwise harmed.

Tire Slashed

The right front tire of a VW bus belonging to a Bldg. 26 L.N.S. staff member was slashed by an unidentified vandal sometime between 8am Friday and mid-morning Saturday.

Cash Stolen at E17

When an E17 staff member arrived for work on Monday she was carrying the rent for her apartment, some \$300 cash in her handbag, along with a department store merchandise slip having a face value of \$200. She placed the bag, along with these contents in her clothes locker, which has no lock, and left it there for about two hours. Upon her return she discovered the bag to be missing. It was found several hours later by a Safety Officer conducting a routine inspection on the 6th floor of E18. The cash of course was missing, but all else appeared to be intact.

Professor of Applied Mathematics William Bossert was the spokesman for a group of faculty members who charged that the new program did not encourage intellectual depth. "The core takes a clear stand in praise of mediocrity," Bossert said in a *New York Times* interview.

Under the new system, students would choose a field of concentration in one of the five areas. Each area of concentration requires a different combination of courses from that area and from the others. According to Rosovsky's report, "no student need take more than eight semesters" of courses under the new program.

Harvard President Derek Bok expressed "enormous relief and delight" with the faculty vote, the culmination of a 3½ year debate on the goals and structure of undergraduate education. He compared the change with "moving a graveyard," and Rosovsky conceded that "when all this started, very few people really believed it could be done."

Registration material for the first term 1978-79 will be available in Lobby 10, Monday, May 8, and Tuesday, May 9. Descriptions of subjects will be available for reference in the main libraries, the information center, and in Department Headquarters.

* Correction, summer session 1978 registration forms must be filled in and returned to the Registrar's Office by Friday, May 5.

* June degree recipients: post cards must be returned to E19-344 no later than May 18, 1978 to indicate whether diplomas are to be mailed, called for in person, or if June 5 attendee is planned.

* The Graduate School Office announces the availability of the Annie Ryder Fellowship, offered by the American Association of University Women, for 1978-79. The award is made to a woman graduate student who is a resident of New England. Preference given to those with teaching experience who plan to remain in education. Application deadline is May 15, 1978. Further info, Jeanne Richard, Graduate School Office, Room 3-136, x3-4869.

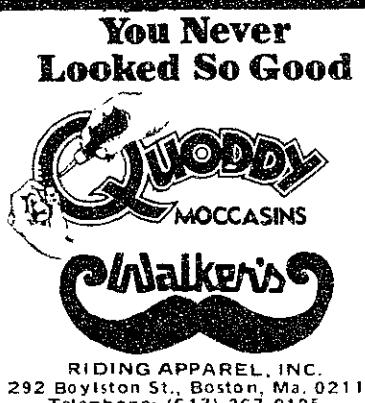
* The M.I.T. Symphony Orchestra, David Epstein, conductor, will give a concert tomorrow, May 6, in Kresge Auditorium at 8:30pm. Tickets are \$1.00 at the door, or free in Lobby 10 with M.I.T. or Wellesley ID. Rachmaninoff's Piano Concerto No. 2, with soloist John Kirsch, and Tchaikovsky's Symphony No. 4 are on the program.

* R.O. '78 activities are being scheduled now! Scheduling forms are available in the R.O. office, 7-105. A form must be filled out even if facilities are not required so the event can be listed in THE DAILY UNION. Please schedule events now! For more information call Dave Plotnick at x5-7213 or leave message in the R.O. office, x3-6771.

* The M.I.T. Ultimate Frisbee team is looking for new members. If you are interested in playing or want to find out more about the game, stop by at our practices (Kresge oval, 4pm Thursdays and Fridays) or call Steve La Balme, 354-6742; Al Kuruc, x5-6615; Steve Tully, 787-5013; or Ralph Lessor, x5-6409.



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Software Engineering Lab.

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DD30
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Att: Bill Skeegan

Steinbrenner Stadium Dedication

By Gordon Haff.

The dedication of the Henry G. Steinbrenner Stadium last Sunday represented the first part of the MIT Athletic Department's construction program which is planned to eventually replace the present ice rink and the Rockwell Cage with a two story ice rink/special events center and field house.

Like many other of MIT's athletic facilities when they were first built, this new track is considered to be of very high quality. It is the only track of its kind in North America and is considered to be one of the best collegiate tracks in New England.

Now, almost a decade after the last piece of construction dealing with track and field/general athletics was completed, it seems appropriate to take a look at some of MIT's older facilities — both those that are still around and those which no longer exist and have been largely forgotten.

MIT's first athletic facility, acquired sometime in the late 1880's or early 1890's while Tech was still in Boston, was Technology Field in Brookline. At the entrance to this now all but

forgotten field was erected a gate by the Class of 1881 inscribed with a short poem by F. Gelett Burgess '87: "Not the quarry but the chase, Not the laurel, but the race, Not the hazard, but the play, Make me, Lord, enjoy always!" They were words which would continue to epitomize MIT's attitude toward sports over the years.

After MIT moved to its present location, there was an East Campus track for a while and the court on the third floor of Walker was used for basketball.

Most of MIT's present athletic facilities were built or acquired by MIT during a period of little over a decade from 1947 to 1959.

The first step toward the construction of what is now the DuPont complex was the acquisition of the Rockwell Cage which had been used by the US Government for indoor drill. The cage was acquired largely through the efforts of Ivan J. Geiger, Director of Athletics, who was also instrumental in constructing the ice rink eight years later, the same year a wooden basketball court was added to the Cage.

At the time that MIT bought



Henry G. Steinbrenner, his wife, and MIT corporation chairman Howard W. Johnson look on as MIT track team captain John J. Dillon '78 unveils a bronze dedication. (Photo by Gordon Haff)

the Cage, the only basketball courts on campus were those in Walker Memorial. The addition of this new facility more than tripled the number of basketball courts. In particular, it increased the court time for IM basketball while leaving the varsity basketball and fencing teams in Walker. In a letter from Geiger to the News Office on Oct. 3, 1947, Geiger wrote: "With the addition of this much needed structure to Technology sport facilities, we should be enabled to realize to a greater degree the general educational aim of 'a Sport for Every Man and Every Man for a Sport.'

The Cage was a much needed addition to indoor space for inter-collegiate teams as well. In a Feb. 3, 1948 news release, Dr. John J. Rowlands of the MIT news office wrote: "The Rockwell Field House will provide much needed indoor facilities for practicing and competition in the 16 different inter-collegiate sports that Technology participates in."

The largest additions to the athletic facilities, however, occurred in the mid to late fifties. 1955 saw the addition of both the ice

rink and the moveable basketball floor in the cage. Although the rink has been working on almost a year to year basis for almost a decade, it was considered to be a good facility in the days when artificial ice rinks were few and far between, even in New England.

The hub of the west-campus athletic facilities, the 1.25 million dollar DuPont gymnasium, is mostly the result of a million dollar bequest by David Flett DuPont. A week before his death in an auto crash on September 2, 1955, the young DuPont had drawn up an agreement providing that a quarter of his estate be distributed to MIT.

The bequest was used first to replace the eight tennis courts in west campus with twelve new ones. Named the David Flett DuPont tennis courts, some considered them to be the finest in the Northeast.

On September 4 of the same year, MIT bought the old Cambridge Armory from the government for \$375,000. The plans were drawn up for an athletic complex which would connect this newly bought Armory, the Rockwell Cage, and the

aging Briggs Field House which was first occupied in 1939.

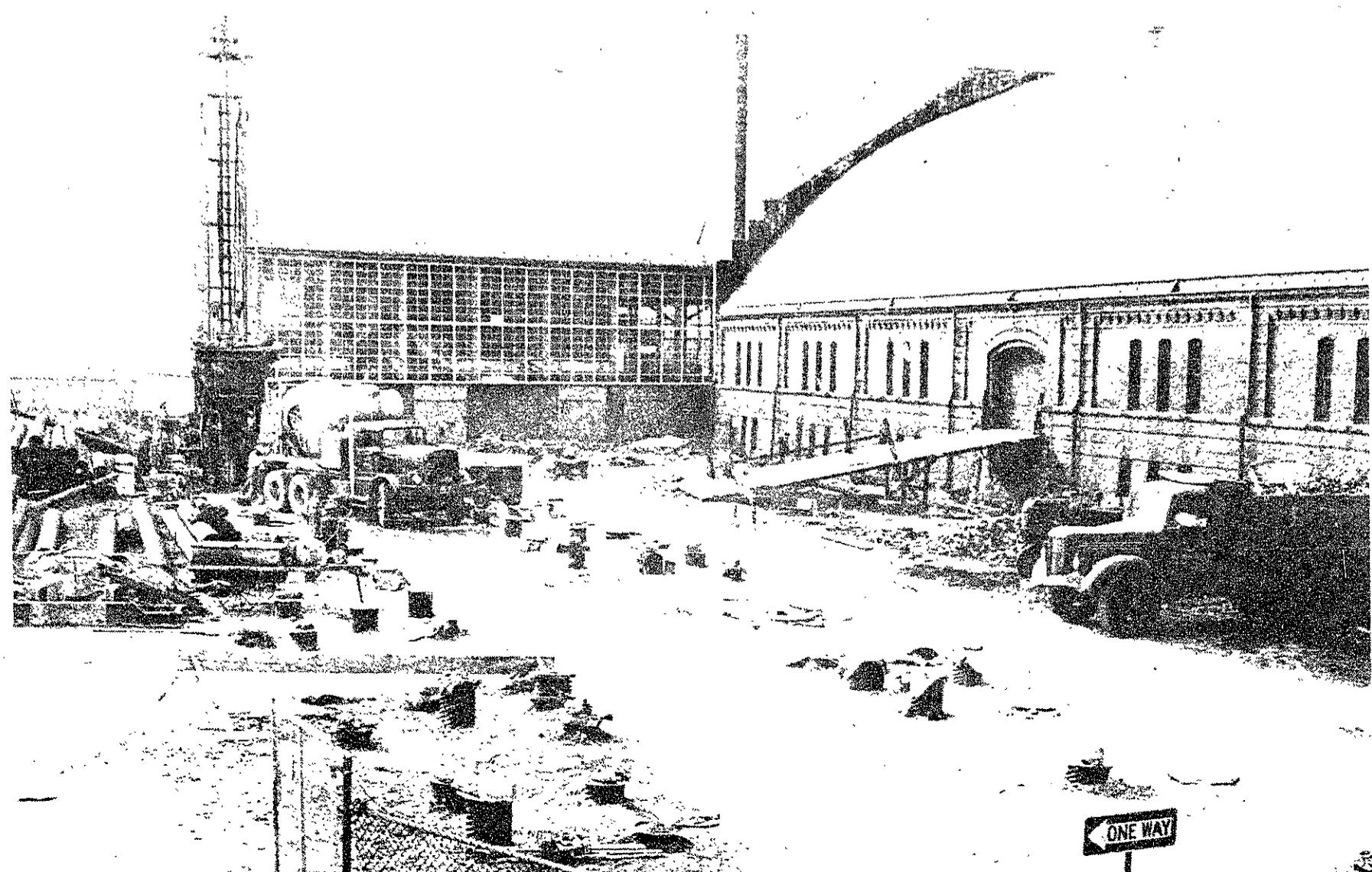
The architectural firm of Hartwell, Richardson, and Driver were engaged to do the construction which would bring the level of MIT's athletic facilities up to their present level. The Director of Athletics, Richard L. Balch said of the new facility: "During 1958-59 there were 3182 students registered in 30 physical education classes. About 3500 men played on the 421 teams that competed in 14 kinds of intramural contests, and one out of every four students participated in one or more of 19 intercollegiate sports. We anticipate an increase in such activities during the coming year thanks to the facilities provided by DuPont Athletic Center."

The Steinbrenner track with its modern surface manufactured by the German company, Berleburger Foam Materials Factory, is the first major addition to the west campus sports facilities since DuPont. The addition of the indoor athletic facility would bring the entire track and field/indoor sports complex in west campus up to date.



View of the early Brookline Technology Field on Field Day (date unknown). Banner bearers in the field proclaim, "NOT SOUSED, WE'RE HAPPY" (Photo from MIT in Perspective, 1st edition)

Photo
essay
by
Gordon
Haff



DuPont Athletic Center and Armory area is prepared for 1958 renovations. (Photo courtesy MIT Historical Collections)



Now comes Miller time.



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sports cont.

Softball takes its licks

By Helen Miyasaki

With only three returning players, women's varsity softball has begun to rebuild. In its first year as a varsity sport, more than twenty girls tried out for the team in March. Now down to a solid seventeen, the team has come far since its first practice.

The first few games showed the inexperience of many of MIT's players — more than half had never played competitive softball. Though still looking for their first win, the team's defense has come far, stated coach Debbie Clum. Consistency in the infield has proven to be their strongest asset. Led by captain Mary McNally '78 at shortstop, the defense has been committing fewer errors as the season progresses.

Last Friday, the Division III State Softball Tournament was held at Brandeis University. MIT stunned spectators by almost defeating the first seed AIC in the first round. The final score of 6-4 was the closest score AIC had in the tournament which they eventually won.

MIT took an early lead in the first inning and increased it to 3-1 by the end of the fourth. Centerfielder Chris Vogdes '78 made a shoestring catch and catcher Laynya Sweeney '81 made a good play on a drag bunt.

Pitcher Terry Byrne '78 was very effective in forcing the opposing players to pop up or to keep the ball in the infield. The team as a whole bunted well and kept AIC on their toes with good base running.

Half an hour after this very exhausting game, MIT played their second game against Framingham State. After three innings, MIT lost its concentration and went on to lose 6-2. Assistant coach Jean Heiney has wanted "to make our people more aggressive hitters" and rightfully so, for the team was unable to hit Framingham's pitching.

With four games left in the season, MIT will be looking forward to their rematch against AIC. In the meantime, they will look for their first win against either Gordon College or Brandeis. They will close their season with a home game against Endicott Junior College next Thursday.



Women's Softball team member Mary Rorabaugh '80 shows how it's done as she takes a swing during the State Tournament held at Brandeis University. (Photo by Chuck Irwin)

IM Badminton Final Standings

A-League		W	L	T	Pts.	KΣ	Birdburners	1	3	1	3
Malaysians *		7	0	1	15	Phi Beta Epsilon II		0	5	0	0
No-Names *		5	2	1	11						
Bucky Sims *		5	3	0	10	C-League					
Phi Kappa Sigma *		1	7	0	2	C-1					
Lambda Chi Alpha		1	7	0	2	Dopec *					
						Theta Chi "C" *					
B-League						No. 6 Club *					
B-1						Alpha Delta Phi "C"					
Second East *		3	0	2	8	Sen. Hse Chokin Tokers					
Game Cocks *		3	1	1	7	The Goodmittons					
Phi Beta Epsilon I		3	2	0	6						
New Three Stooges		2	2	1	5	C-2					
Theta Xi B-Prime		2	3	0	4	Mass. Pike "A" *					
Baker Sexy Sixum		0	5	0	0	Epsilon Theta *					
B-2						ATO-SAW *					
I.S.A. *		5	0	0	10	French House					
Fourth East *		2	1	2	6	Green Achers					
Baker B.A.D.S. *		2	1	2	6	Tau Epsilon Phi					
Baker Double Trouble		2	3	0	4	C-3					
Theta Chi "B"		1	3	1	3	Sigma Chi *					
Theta Xi B		0	4	1	1	Russian House *					
B-3						Mass. Pike "B"					
Third East *		5	0	0	10	First West					
Baker Badmintonites *		3	2	0	6	ATO-SEE					
Zeta Beta Tau *		3	2	0	6	LCA "C"					
The Random Team		2	2	1	5						

* Makes playoffs in their division

Baseball learns the hard way

(Continued from page 16)

shortstop covering for the force. The shortstop's relay arrived at first just behind Steinhagen and the Beavers' hopes were still alive as Noll crossed the plate for the eighth run.

Again the tying run came to the plate; this time it was big Carl Nowiszewski. The 6'5" right-fielder lifted a pop fly to the second baseman, who gathered it in for the final out of the game.

The biggest problem MIT had was bringing in men who had gotten on base. In all, the Beavers stranded 13 baserunners to Tufts' nine while outscoring their opponents 18 to 11.

Monday's game against Brandeis was played on Briggs Field beset with blustery wind in forty-degree weather.

MIT starting pitcher George Noll was in trouble with the first batter. A couple of walks and a sharp single to left set up the only exciting play of the game — a double steal with a Brandeis runner thrown out at home by short-

stop Tim Garverick. Two pitches later, the ball was laced to right for two runs.

In the top of the second, Brandeis third baseman Dave Perdios blasted a home run over the fence in left, and the Judges were up by three before the Beavers ever got a baserunner on.

MIT reached Brandeis starter Steve Louthier in the bottom of the third for four walks and the team's only run of the day. It was the fourth inning before the Beavers managed a base-hit, and by then the Judges were on top, 5-1. They added two more runs in their half of the fifth, and that was all for Noll. Armond Friend took the mound in the sixth, with Noll taking Friend's place at third.

Friend had an easy sixth, the only runner being thrown out stealing by catcher Joe Kracunas. In the seventh, Friend got nobody out but gave up three walks and a single. Jim Datesh '78 came in and gave up two singles but managed to get the side out after four runs had come across. The

score was up to 11-1, and remained there for the rest of the three-hour contest.

Clouthier gave up only four hits in the seven innings he worked, and Brandeis hurlers allowed only six in all. The Judges, on the other hand, pounded Noll, Friend, Datesh and Carl Nowiszewski for 14 hits, drawing 11 walks as well.

The team plays Worcester Polytech (WPI) this Saturday in a doubleheader starting at 1pm on Brigg's field.

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Sailors find mixed winds

By Ed Marcus

Last weekend's winds blew out most college regattas scheduled for sailing throughout New England. Both the warm up for next week's New England Championships at Yale, and a Brown University dinghy invitational couldn't continue past the first few races and so did not count as completed regattas. The freshman sailors began racing at their Boston University invitational, but after the first three races and many rescues later, the committee boat decided to cancel the day's racing.

Although adverse conditions precluded any weekend results for the men's team, the gusting winds did not prevent the women's team from sailing in this year's New England championships, a two

day event held at Harvard. Competition for the top three spots at this regatta was very heavy. The Tufts, Boston University, and Yale women's sailing teams who captured these positions now look forward to the trip to San Diego for the National Championships. Although MIT did not qualify for the nationals, the team did finish sixth in the competitive field. Skipper Sally Husted '78 and crewmember Marianne Salomone '79 placed fifth in the A-Division, while Audrey Greenhill '79 and crew Barbara Biber '79 sailed to sixth place in B-Division.

Hopefully, conditions should be a little more pleasant this weekend as both the men's varsity and freshman sailors sail in their New England championships.

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sports

Pistol team sets records

By Tom Curtis

Four members of the MIT pistol team set three new collegiate outdoor team records at the Massachusetts State Outdoor Pistol Championships, Sunday in Woburn.

In addition, the four shooters, Denny McMullen '78, David Miller '79, Phil Morris '78, and David Schaller '78, won the Massachusetts State Center Fire Outdoor Championship.

In the center fire competition, the team was led by Schaller's 564 points, a new center fire collegiate

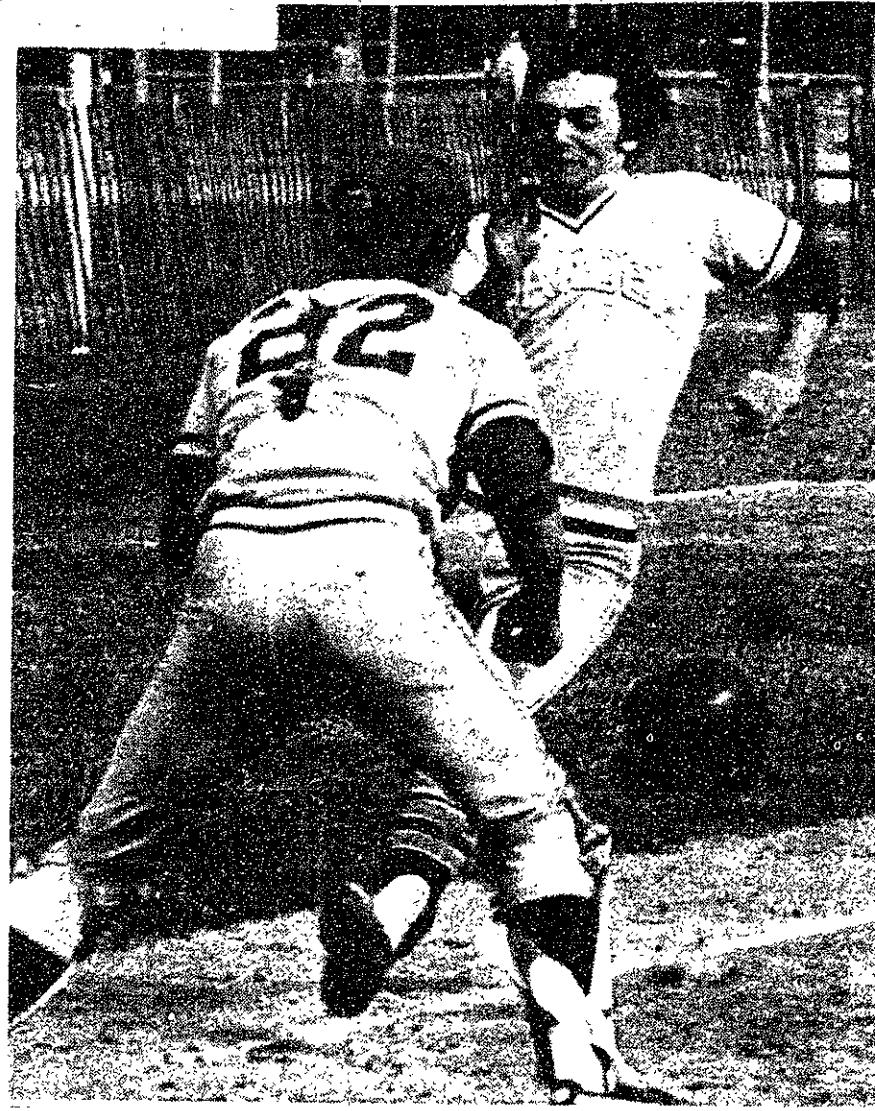
outdoor individual record. The team won the center fire event with a score of 2221 points, only eight points more than the second place team.

The team's other record-breaking scores were 1845 in free pistol and 1995 in standard pistol. These scores were good enough for third and second place at the Massachusetts State meet which included many older shooters of Olympic caliber. This was the first outdoor competition for McMullen, Morris, and Schaller.

The MIT team's acc-

complishments are surprising considering the conditions Sunday. The shooters had trouble aiming because of the gusty winds. Also, the 45 degree temperatures numbed the shooters' hands and, consequently, hurt some shooters' timing.

The MIT pistol team finished its collegiate season ranked fourth in the nation behind Navy, Air Force, and Army. MIT finished with a final collegiate record of 10-3; the team's only losses came to the three service academies.



MIT Captain Joe Kracunas '78 braces himself in an effort to guard the plate against Brandeis in the game last Monday. (Photo by Steve Solnick)

New losses for baseball

By David B. Koretz

The MIT varsity baseball team ran up its fifth and sixth consecutive losses this week, bringing its overall record to 4-13. On Monday, the Beavers were slaughtered by a very strong Brandeis team, 11-1, and Tuesday saw an 11-8 loss to Tufts.

Tuesday's game at Tufts was close throughout and came down to the last out with the tying man at the plate for MIT.

Tufts got to MIT starter Rick Olson '78 in the second when an error, a walk, and two singles to left brought in three runs. Olson got out of further trouble by neatly picking a runner off first.

MIT answered with a single run in the top of the third. With two outs, Steve Garverick '79 beat out an infield hit deep in the hole, stole second, and scored on junior Pete Steinhagen's single to right. That, however, would be all for MIT for five innings.

Tufts got one more run in the fourth and two in the fifth, while MIT repeatedly put men on the bases but couldn't bring them home. In the top of the fifth, George Noll '81 led off with a single to right center. Jeff Felton '78 followed with a blooper over third base, and Steve Garverick beat out a bunt to load the bases. Steinhagen popped weakly to the catcher and Carl Nowiszewski '81 ended the inning with a 6-4-3 double play.

In the sixth, captain Joe Kracunas '79 reached on an error, and a Kevin Holland '79 single to center put men at the corners with one out. Again MIT couldn't capitalize as both Tim Garverick '80 and Noll grounded out. In the seventh, Steve Garverick and Nowiszewski singled, but for the third straight inning two men were stranded.

In the bottom of the seventh, with Tufts ahead by the still-close score of 6-1, Coach Fran O'Brien yanked Olson after the southpaw walked the first batter. Reliever Armond Friend '80 gave up a single, a fielder's choice, back-to-back home runs, and two more singles before getting an out. By the time the dust had settled, Tufts was ahead by ten runs.

MIT came roaring right back in the top of the eighth. Pinch-hitter Tom Griffin '80 landed a single in short left, and Holland followed with a shot to center. Tim Garverick loaded the bases on an error by the third baseman.

Felton drove in a run with a base-hit to center, and Steve Garverick's hit in the same spot made it 11-3.

Up to the plate strode Steinhagen, who then parked the ball somewhere near the railroad tracks beyond right field for a grand slam MIT's second home run of the year. Nowiszewski and Holland popped up, but the Beavers had cut the Tufts lead to

four. Tufts did not add to their lead in the bottom of the inning, so MIT came up in the ninth trailing 11-7. After Tim Garverick hit a pop foul that was caught behind third, Noll, Felton and Steve Garverick all walked, bringing the tying run to the plate in the person of grand-slam hitter Pete Steinhagen.

Steinhagen grounded to the second baseman, who threw to the plate for the out. (Please turn to page 15)

Fencing Tournament succeeds

By Brian Wibecan

Sixteen teams, representing three fraternities, six dormitories, and three activities, converged on the fencing room Monday night, and turned intramural fencing into a reality. The tournament, being run on an experimental basis by coach Eric Sollee and Brian Wibecan '79, got such an overwhelming response that applications will be made to add the sport to the official intramural roster.

Due to late information releases, many teams were unable to form. A notice printed in *The Tech* the week before rosters were due was submitted before the dates were changed, and there wasn't time to correct the notice. [The correction appeared in the next issue, but apparently had little effect.] Add that to a lack of

communication between tournament officials and the intramural office, and you get four teams that were refused entry due to late rosters and an unknown number that never existed. Next year the meet will be held earlier in the term, and over a longer period of time to accommodate all interested.

The first two rounds of double elimination were held Monday

MIT Tennis sweeps URI in end of season match

(Editor's note: This story was submitted by the women's varsity tennis team.)

The women's tennis team finished its spring season Monday with a hard-fought 5-4 win over URI. Strength in singles play

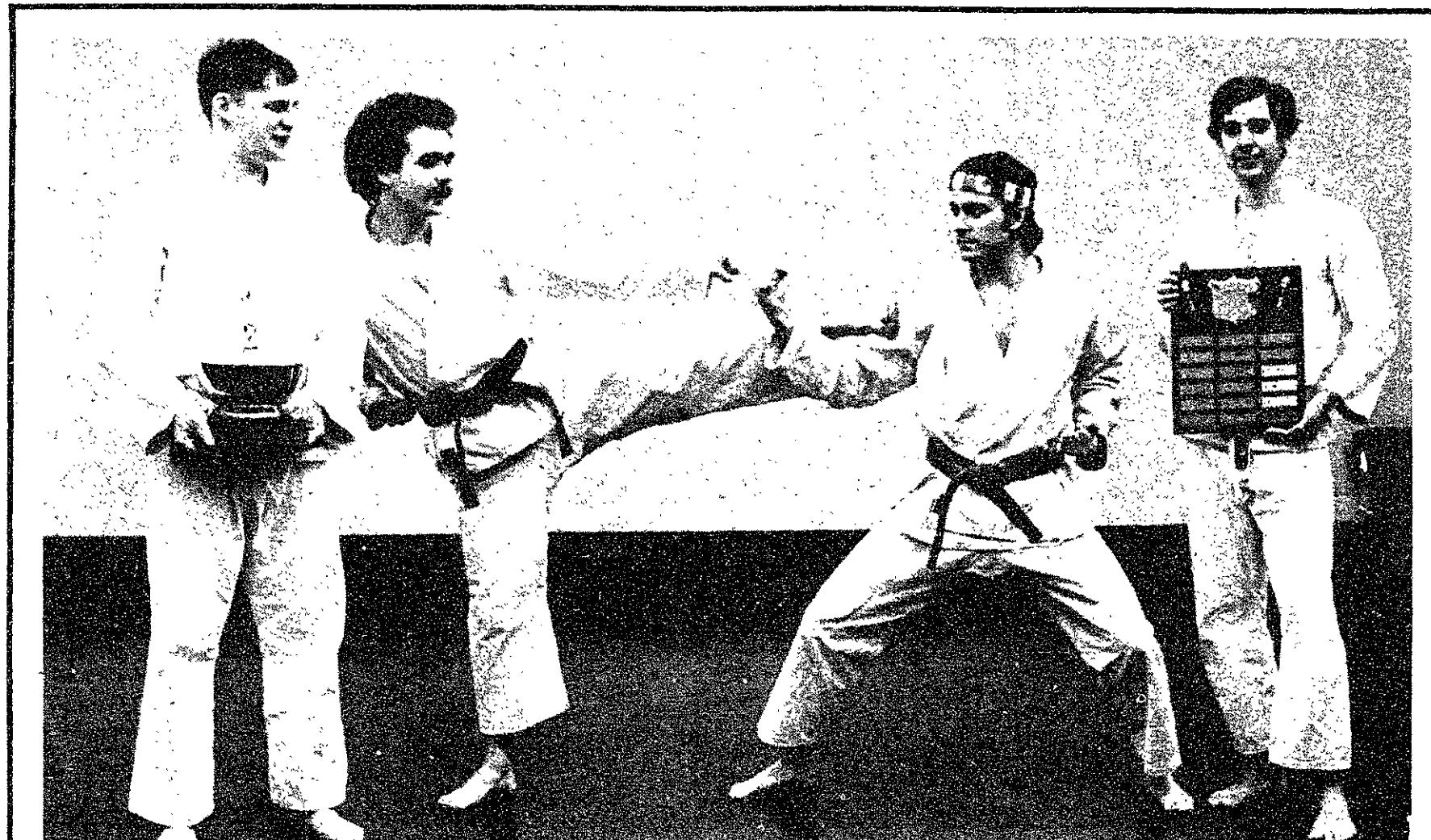
and Tuesday, and all remaining team preliminary rounds were held on Wednesday, leading to four team finalists. These four fenced a round robin to determine the champion on Thursday.

In addition to the teams, independent entrants fenced in pools on Wednesday and Thursday, leading to a direct elimination round and final on Thursday.

and endurance contributed to the stellar performance. The MIT women won the top four singles matches, all in three sets and all after the MIT player dropped the first set.

MIT's no. 1 player, Cathy Greany '78, playing in her final match for the team, started slow, dropping the first set 6-2. Greany more than compensated with consecutive 6-4 and 6-0 sets as her cross-court topspin forehands and decisive volleys were hitting their mark. Playing tennis that all but dismantled her opponent's vaunted forehand, Marcia Grabow '79, won at second singles 4-6, 6-1, and 6-2. Relaxed and confident, Grabow out-hitted and out-maneuvered her steady opponent in the last two sets. At third singles, team captain Stella Perone '78, also playing in her last match for MIT, had the day's closest match. She dropped the first set 6-1, and then pulled herself together to squeak by the next two, both in tie breakers, 7-6 and 7-6. Down 5-2 in the third, Perone found her slashing groundstroke winners just in time to pull off the set and match. The deciding match of the day was played by Sue Tiffany '80 at fourth singles. Behind in what seemed like dozens of crucial situations, Tiffany held on through a dispiriting first set, then turned tough and aggressive in the second, and snatched URI's last hopes of victory away with a 3-6, 7-6 and 6-1 score.

The second doubles team, consisting of Nancy Robinson '81 and Helen Miyasaki '78 also contributed a very necessary win, clinching their match 6-4 and 6-4.



MIT Shotokan Karate Team Places First in Kata Tournament: For the first time in years, the MIT Karate Club won the New England Collegiate Karate Championships (Kata Competition) held at Boston University, ten days ago. Displaying trophies are team captain Bill Kerr, coach Lucien Froidevaux and teammates Jim Davis and Eric Zeis. Davis and Froidevaux are both in their fifth year of

training, while Kerr and Zeis are completing their first year of Karate. Kerr also placed third in the beginning individual sparring competition. Not shown, but instrumental in MIT's win, are Linden Joensting and Chris Judd. The collegiate sparring competition was won by BU (MIT lost to Tufts 2-3) and Bermuda took the private team sparring competition. (Photo by John Grunsfeld)